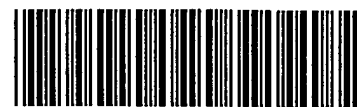# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/525,726_

Source: _Pu7/0_

Date Processed by STIC: _3/8/05_

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PCT

RAW SEQUENCE LISTING   DATE: 03/08/2005
PATENT APPLICATION: US/10/525,726   TIME: 08:05:11

Input Set : A:\PTO.SR.txt
Output Set: N:\CRF4\03082005\J525726.raw

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   3 <110> APPLICANT: Von Der Kammer, Heinz
   4         Pohlner, Johannes
   6 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Use of FOAP-13 Polynucleotides
and
   7         Polypeptides for Neurodegenerative Diseases
   9 <130> FILE REFERENCE: 2335.0060001
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/525,726
C--> 12 <141> CURRENT FILING DATE: 2005-02-28
  14 <150> PRIOR APPLICATION NUMBER: 02019281.1
  15 <151> PRIOR FILING DATE: 2002-08-28
  17 <150> PRIOR APPLICATION NUMBER: 60/406,303
  18 <151> PRIOR FILING DATE: 2002-08-28
  20 <160> NUMBER OF SEQ ID NOS: 18
  22 <170> SOFTWARE: PatentIn Ver. 2.1
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  25 <211> LENGTH: 390
  26 <212> TYPE: DNA
  27 <213> ORGANISM: Artificial Sequence
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  30 <223> OTHER INFORMATION: Description of Artificial Sequence: cDNA fragment
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  33 <400> SEQUENCE: 1
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  35 aagaggagca gacagggttc cctgggccca gtctcagccc agccactgat gctggatgac 120
  36 cttggcctga ccctggtctg gtctcagaat cactttttcccc atctgtaaaa ttgagatgaa 180
  37 ttttggtgtt gaaagttctt cctggagcag atgtcctaga aggttttagg aatagtgaca 240
  38 gagtcaggcc accccaaggg ccatgggagc cagctgacct gcttgaccga aggatttctg 300
  39 acagactatc tttggggatg ttttcaagaa gggatataag ttatttactt tgggcattta 360
  40 aaagaaaatt tctctcggga ataattttat                                   390
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  45 <212> TYPE: PRT
  46 <213> ORGANISM: Homo sapiens
  48 <400> SEQUENCE: 2
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  50   1               5                  10                  15
  52 Leu Leu Glu Cys Leu Gly Phe Ala Gly Val Leu Phe Gly Trp Pro Ser
  53              20                  25                  30
  55 Leu Val Phe Val Phe Lys Asn Glu Asp Tyr Phe Lys Asp Leu Cys Gly
  56          35                  40                  45
  58 Pro Asp Ala Gly Pro Ile Gly Asn Ala Thr Gly Gln Ala Asp Cys Lys
  59      50                  55                  60
  61 Ala Gln Asp Glu Arg Phe Ser Leu Ile Phe Thr Leu Gly Ser Phe Met
  62  65                  70                , 75                  80
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RAW SEQUENCE LISTING   DATE: 03/08/2005
PATENT APPLICATION: **US/10/525,726**   TIME: 08:05:11

Input Set : **A:\PTO.SR.txt**
Output Set: **N:\CRF4\03082005\J525726.raw**

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 70 Leu Ile Ile Ala Phe Thr Ser Ala Gly Ser Ala Val Leu Leu Phe Leu
 71              115                 120                 125
 73 Ala Met Pro Met Leu Thr Ile Gly Gly Ile Leu Phe Leu Ile Thr Asn
 74      130                 135                 140
 76 Leu Gln Ile Gly Asn Leu Phe Gly Gln His Arg Ser Thr Ile Ile Thr
 77 145                 150                 155                 160
 79 Leu Tyr Asn Gly Ala Phe Asp Ser Ser Ser Ala Val Phe Leu Ile Ile
 80              165                 170                 175
 82 Lys Leu Leu Tyr Glu Lys Gly Ile Ser Leu Arg Ala Ser Phe Ile Phe
 83          180                 185                 190
 85 Ile Ser Val Cys Ser Thr Trp His Val Ala Arg Thr Phe Leu Leu Met
 86              195                 200                 205
 88 Pro Arg Gly His Ile Pro Tyr Pro Leu Pro Pro Asn Tyr Ser Tyr Gly
 89      210                 215                 220
 91 Leu Cys Pro Gly Asn Gly Thr Thr Lys Glu Glu Lys Glu Thr Ala Glu
 92 225                 230                 235                 240
 94 His Glu Asn Arg Glu Leu Gln Ser Lys Glu Phe Leu Ser Ala Lys Glu
 95              245                 250                 255
 97 Glu Thr Pro Gly Ala Gly Gln Lys Gln Glu Leu Arg Ser Phe Trp Ser
 98              260                 265                 270
100 Tyr Ala Phe Ser Arg Arg Phe Ala Trp His Leu Val Trp Leu Ser Val
101          275                 280                 285
103 Ile Gln Leu Trp His Tyr Leu Phe Ile Gly Thr Leu Asn Ser Leu Leu
104      290                 295                 300
106 Thr Asn Met Ala Gly Gly Asp Met Ala Arg Val Ser Thr Tyr Thr Asn
107 305                 310                 315                 320
109 Ala Phe Ala Phe Thr Gln Phe Gly Val Leu Cys Ala Pro Trp Asn Gly
110              325                 330                 335
112 Leu Leu Met Asp Arg Leu Lys Gln Lys Tyr Gln Lys Glu Ala Arg Lys
113          340                 345                 350
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116          355                 360                 365
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119      370                 375                 380
121 Val Pro Ile Leu Pro Leu Gln Tyr Leu Thr Phe Ile Leu Gln Val Ile
122 385                 390                 395                 400
124 Ser Arg Ser Phe Leu Tyr Gly Ser Asn Ala Ala Phe Leu Thr Leu Ala
125              405                 410                 415
127 Phe Pro Ser Glu His Phe Gly Lys Leu Phe Gly Leu Val Met Ala Leu
128          420                 425                 430
130 Ser Ala Val Val Ser Leu Leu Gln Phe Pro Ile Phe Thr Leu Ile Lys
131          435                 440                 445
133 Gly Ser Leu Gln Asn Asp Pro Phe Tyr Val Asn Val Met Phe Met Leu
134      450                 455                 460
136 Ala Ile Leu Leu Thr Phe Phe His Pro Phe Leu Val Tyr Arg Glu Cys
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137 465              470              475              480
139 Arg Thr Trp Lys Glu Ser Pro Ser Ala Ile Ala
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146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: cDNA of the
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152 <400> SEQUENCE: 3
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154 gacggttaag ctggggacgg tattcagaat tcgagcgcag gagctccgct tctccacctg 120
155 ctcccgggga gctattggga tccagagaat cacccgctga tggtttttcc ccaggcctga 180
156 aacaaccaga gagctacggg aaaggaaggg cttggcttgc cagaggaatt ttccaagtgc 240
157 tcaaacgcca ggcttacggc gcctgtgatc cgtccaggag gacaaagtgg gatttgaaga 300
158 tccactccac ttctgctcat ggcgggccag ggcctgcccc tgcacgtggc cacactgctg 360
159 actgggctgc tggaatgcct gggctttgct ggcgtcctct ttggctggcc ttcactagtg 420
160 tttgtcttca agaatgaaga ttactttaag gatctgtgtg gaccagatgc tgggccgatt 480
161 ggcaatgcca cagggcaggc tgactgcaaa gcccaggatg agaggttctc actcatcttc 540
162 accctggggt ccttcatgaa caacttcatg acattcccca ctggctacat ctttgaccgg 600
163 ttcaagacca ccgtggcacg cctcatagcc atatttttct acaccaccgc cacactcatc 660
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167 attattaagc ttctttatga aaaaggcatc agcctcaggg cctccttcat cttcatctct 900
168 gtctgcagta cctggcatgt agcacgcact ttcctcctga tgccccgggg gcacatccca 960
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171 aaggaagaga ccccagggc agggcagaag caggaactcc gctccttctg gagctacgct 1140
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173 ctcttcattg gcactctcaa ctccttgctg accaacatgg ccggtggggga catggcacga 1260
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178 ttcatcctgc aagtgatcag ccgctccttc ctctatggga gcaacgcggc cttcctcacc 1560
179 cttgctttcc cttcagagca cttttggcaag ctctttgggc tggtgatggc cttgtcggct 1620
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184 cgtgtcccaa aagactttgc ctatcccagc aaaacacaca cacacacaca cacacacaca 1920
185 aaataaagac acacaaggac gtctgcgcag caagaaaaga atctcagttg ccaagcagat 1980
186 tgatatcaca cagactcaaa gcaaaggcat gtggaacttc tttatttcaa aacagaagtg 2040
187 tctccttgca cttagccttg gcagacccttt gactccaggg gagatgacct gggggaggaa 2100
188 gtgtgtcaac tatttcttta ggcctgtttg gctccgaagc ctatatgtgc ctggatcctc 2160
189 tgccacgggt taaatttttca ggtgaagagt gaggttgtca tggcctcagc tatgcttcct 2220
190 ggctctccct caagagtgca gccttggcta gagaactcac agctctggga aaaagaggag 2280
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191 cagacagggt tccctgggcc cagtctcagc ccagccactg atgctggatg accttggcct 2340
192 gaccctggtc tggtctcaga atcactttc ccatctgtaa aattgagatg aattttggtg 2400
193 ttgaaagttc ttcctggagc agatgtccta gaaggtttta ggaatagtga cagagtcagg 2460
194 ccaccccaag ggccatggga gccagctgac ctgcttgacc gaaggatttc tgacagacta 2520
195 tctttgggga tgttttcaag aagggatata agttatttac tttgggcatt taaaagaaaa 2580
196 tttctctcgg gaataatttt atagaaaaat aaagcttctg tgtctaaggc           2630
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200 <211> LENGTH: 13
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: one-base
206       anchor oligonucleotide
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213 <211> LENGTH: 13
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: One-base
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221 <400> SEQUENCE: 5
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227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
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231 <223> OTHER INFORMATION: Description of Artificial Sequence: One-base
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234 <400> SEQUENCE: 6
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240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
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252 <211> LENGTH: 20
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254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
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RAW SEQUENCE LISTING   DATE: 03/08/2005
PATENT APPLICATION: US/10/525,726   TIME: 08:05:11

Input Set : **A:\PTO.SR.txt**
Output Set: **N:\CRF4\03082005\J525726.raw**

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269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
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273 <400> SEQUENCE: 9
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277 <210> SEQ ID NO: 10
278 <211> LENGTH: 19
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
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286 <400> SEQUENCE: 10
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290 <210> SEQ ID NO: 11
291 <211> LENGTH: 20
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
297       ribosomal protein S9
299 <400> SEQUENCE: 11
300 ggtcaaattt accctggcca                                    20
303 <210> SEQ ID NO: 12
304 <211> LENGTH: 22
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
310       ribosomal protein S9
312 <400> SEQUENCE: 12
313 tctcatcaag cgtcagcagt tc                                 22
316 <210> SEQ ID NO: 13
317 <211> LENGTH: 19
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for the
323       beta-actin gene
325 <400> SEQUENCE: 13
326 tggaacggtg aaggtgaca                                     19
329 <210> SEQ ID NO: 14
330 <211> LENGTH: 19
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VERIFICATION SUMMARY   DATE: 03/08/2005
PATENT APPLICATION: **US/10/525,726**   TIME: 08:05:12

Input Set : **A:\PTO.SR.txt**
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date